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October 8, 2004

Transmittal No. 498

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S. W.  
Washington, D.C. 20554

Attention: Wireline Competition Bureau

The accompanying tariff material, issued by the Verizon Telephone Companies (Verizon) and bearing Tariff FCC No. 16, Access Services, is sent to you for filing in compliance with the requirements of the Communications Act of 1934, as amended. This material, filed on fifteen days' notice and scheduled to become effective October 23, 2004, consists of tariff pages as indicated on the following check sheets:

Tariff FCC No.

16

Check Sheet Revision No.

115th Revised Page 1  
24th Revised Page 2  
19th Revised Page 9  
16th Revised Page 13

With this filing, Verizon enhances Verizon's Optical Networking (VON) Service as follows:

- An Access Aggregation Port is introduced that enables multiple Ethernet signals to be mapped onto the same SONET port, channel, or service at one end of the service.
- Verizon is introducing several new protocols/data interfaces for VON Service, including a Fast Ethernet protocol that is mapped to STS1 and a Gigabit Ethernet protocol that is mapped to OC3, OC12, OC12c, or OC48.

Supporting material as specified under Sections 61.49 of the Commissions Rules is not required with this filing. A description of the enhancements made to VON is included with this filing.

Payment in the amount of \$720.00 has been electronically transmitted to the Mellon Bank in Pittsburgh, Pennsylvania, in accordance with the fee program procedures. The Form 159 is being transmitted electronically via ETFS.

In accordance with the requirements of Section 61.21(a)(3) of the Commission's Rules, the FCC Registration Number (FRN) for Verizon is 0003-7085-00. Verizon is filing this application on behalf of issuing carriers with the following FRNs:

Tariff FCC No. 16

0001-5364-24

0001-5832-44

0001-6802-63

0001-9625-88

0004-3502-37

All correspondence and inquiries in connection with this application should be forwarded to Suzanne Carmel, Director, Federal Regulatory Advocacy via facsimile on (202) 336-7922 or by hand-delivery to 1300 I Street, NW, Suite 400 West, Washington, DC 20005.

A handwritten signature in black ink, appearing to read "Suzanne Carmel", written in a cursive style.

Attachments:

Tariff Pages  
Description  
Form 159